

Figure 1

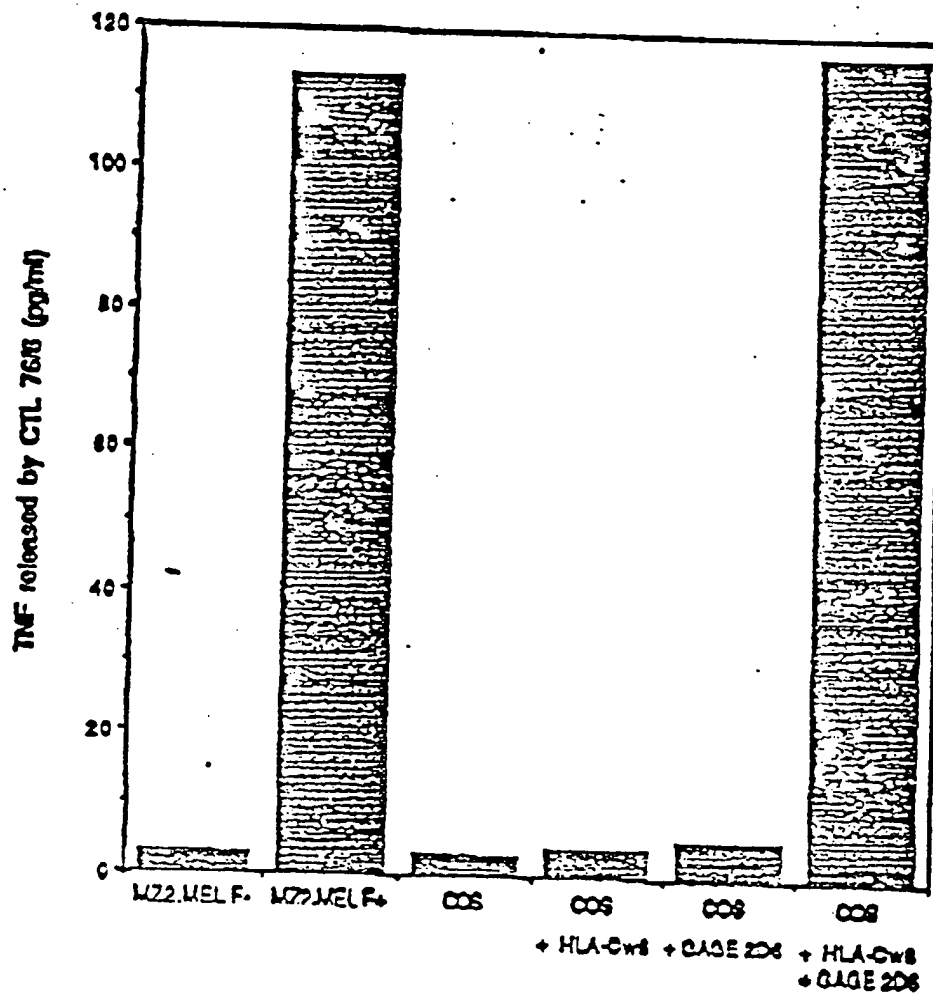


Figure 2

YRPRPRRY ●
 TYRPRPRRY *
 YRPRPRRYV ◇
 TYRPRPRRYV ○
 RPRPRRYVE ▽
 MSWRGRSTYRPRPRR ◆

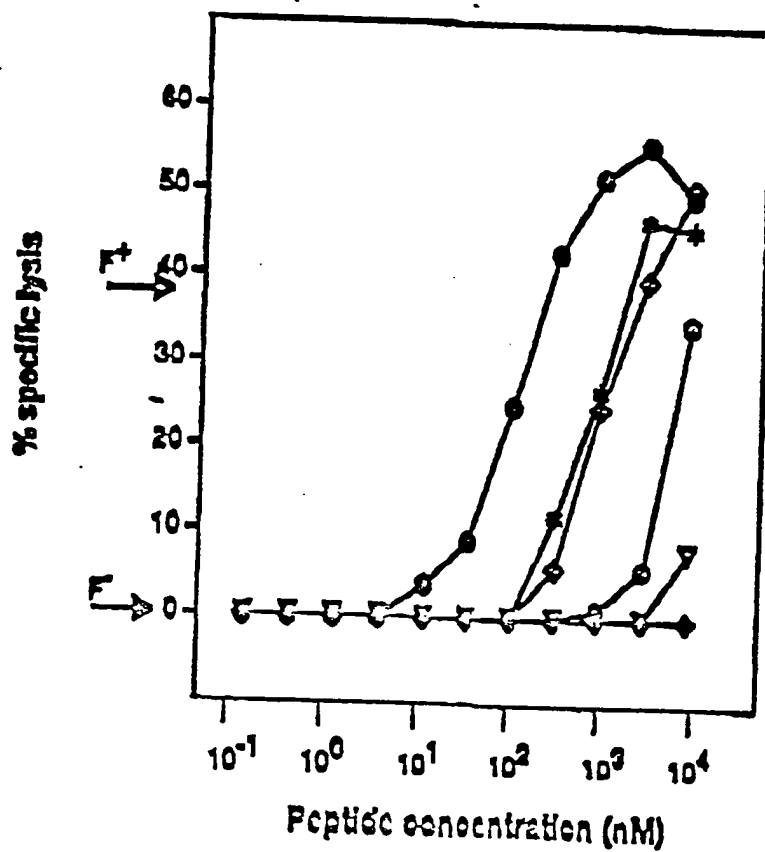


Figure 3

GAGE-1	CCTATGCTGGAA	TTCATC	TTC	TCCCAATAAAGCTTTACAGCCTTCTGCAAA	AAAAAAAAAAAA
GAGE-2	CCTATGCTGGAA	TTCATC	TTC	TCCCAATAAAGCTTTACAGCCTTCTGCAAA	AAAAAAAAAAAA
GAGE-3	CCTATGCTGGAA	TTCATC	TTC	TCCCAATAAAGCTTTACAGCCTTCTGCAAA	AAAAAAAAAAAA
GAGE-4	CCTATGCTGGAA	TTCATC	TTC	TCCCAATAAAGCTTTACAGCCTTCTGCAAA	AAAAAAAAAAAA
GAGE-5	CCTATGCTGGAA	TTCATC	TTC	TCCCAATAAAGCTTTACAGCCTTCTGCAAA	AAAAAAAAAAAA
GAGE-6	CCTATGCTGGAA	TTCATC	TTC	TCCCAATAAAGCTTTACAGCCTTCTGCAAA	AAAAAAAAAAAA

Figure 4

antigenic
peptide

GAGE-1	DS-WGRST-PPRPRRYVPEI	GFMRPEQFSEDEVEPATPEEGEPATQ	RQDFAAAQEGEGEGASAGQGPKPEA	7
GAGE-2	DS-WATPS-PPRPRRYVPEI	GFMRPEQFSEDEVEPATPEEGEPATQ	RQDFAAAQEGEGEGEGASAGQGPKPEA	7
GAGE-3	DS-WGRST-PPRPRRYVPEI	GFMRPEQFSEDEVEPATPEEGEPATQ	RQDFAAAQEGEGEGEGASAGQGPKPEA	7
GAGE-4	DS-WGRST-PPRPRRYVPEI	GFMRPEQFSEDEVEPATPEEGEPATQ	RQDFAAAQEGEGEGEGASAGQGPKPEA	7
GAGE-5	DS-WGRST-PPRPRRYVPEI	GFMRPEQFSEDEVEPATPEEGEPATQ	RQDFAAAQEGEGEGEGASAGQGPKPEA	7
GAGE-6	DS-WGRST-PPRPRRYVPEI	GFMRPEQFSEDEVEPATPEEGEPATQ	RQDFAAAQEGEGEGEGASAGQGPKPEA	7
GAGE-1	DSQEQGHPTGCECEDGPDGQVOP	PNPFEVKTPEEGEKQSQC	LLQWNCPLKLSPRKP	13
GAGE-2	ESQEQGHPTGCECEDGPDGQVOP	PNPFEVKTPEEGEKQSQC	.....	11
GAGE-3	DSQEQGHPTGCECEDGPDGQVOP	PNPFEVKTPEEGEKQSQC	.....	11
GAGE-4	DSQEQGHPTGCECEDGPDGQVOP	PNPFEVKTPEEGEKQSQC	.....	11
GAGE-5	DSQEQGHPTGCECEDGPDGQVOP	PNPFEVKTPEEGEKQSQC	.....	11
GAGE-6	DSQEQGHPTGCECEDGPDGQVOP	PNPFEVKTPEEGEKQSQC	.....	11

Figure 5

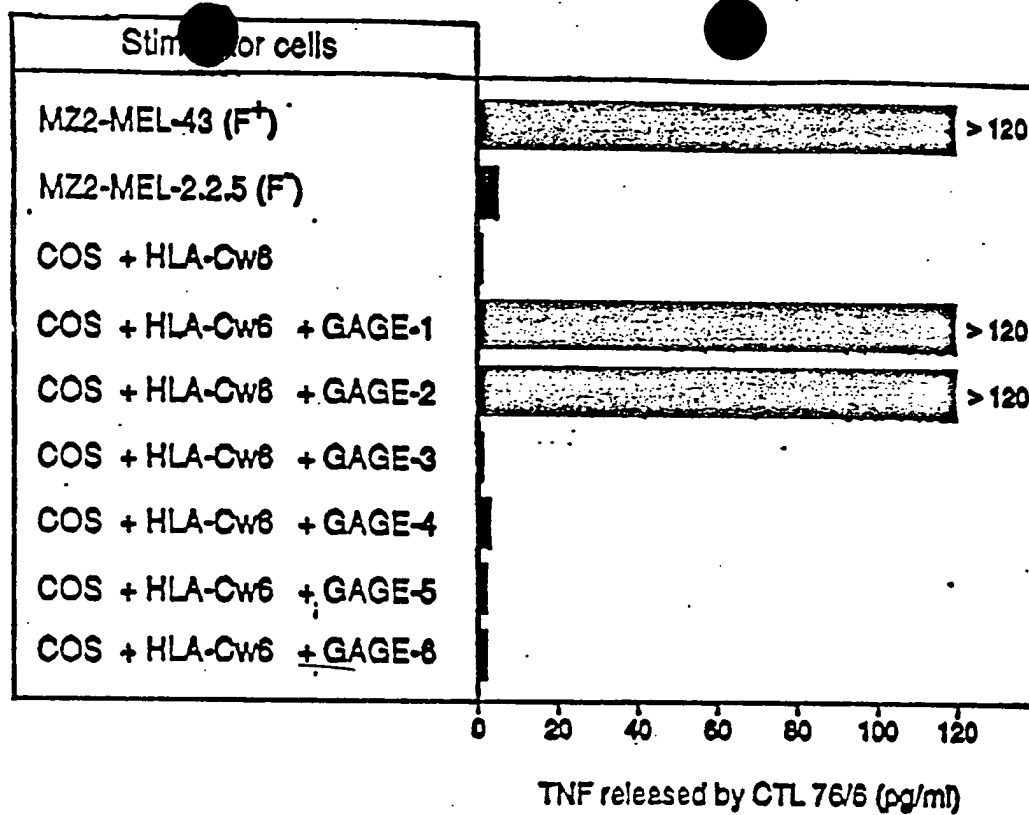


Figure 6

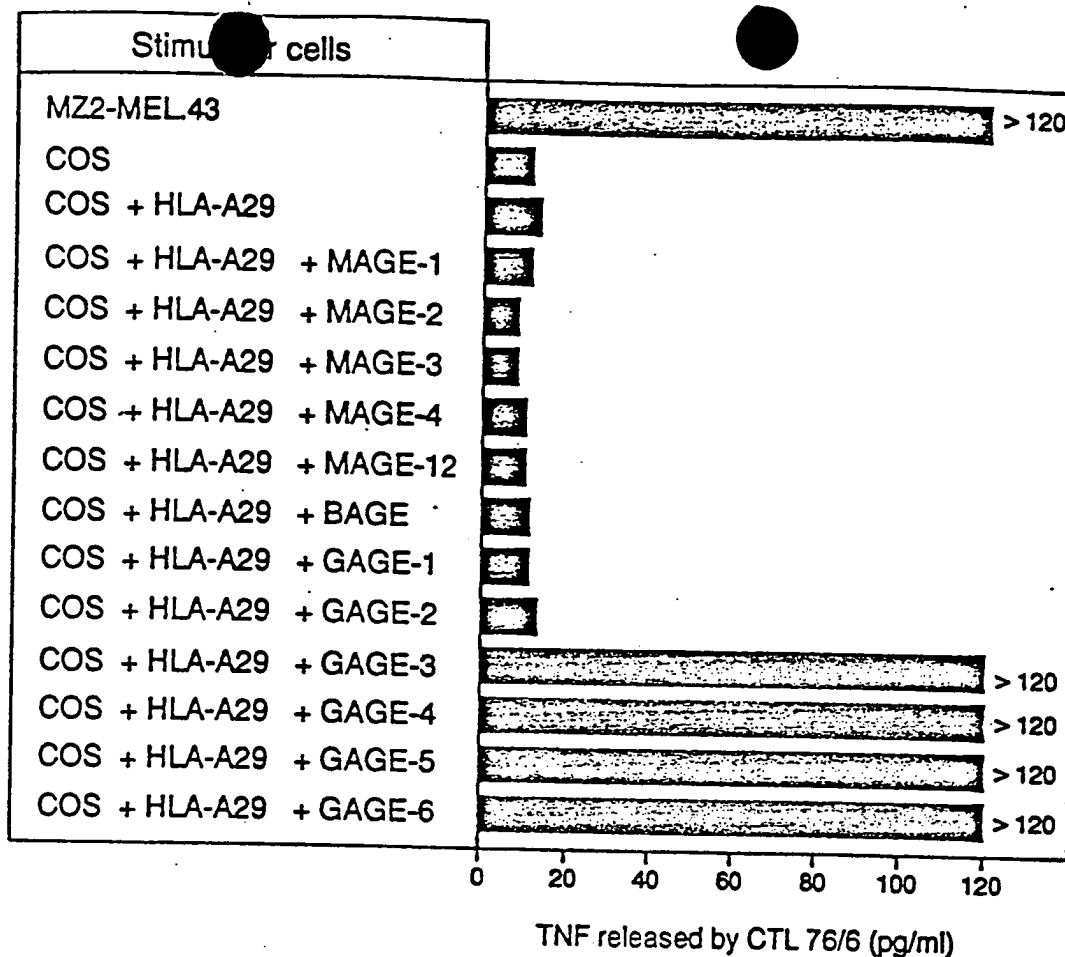


Figure 7. Stimulation of MZ2-CTL 22/23 by COS-7 cells transiently transfected with an HLA-A29 cDNA and MAGE, BAGE or GAGE cDNA. The CTL was added after 24 hours and the production of TNF was estimated 24 hours later. MZ2-MEL43 was used as a positive control stimulator cell.

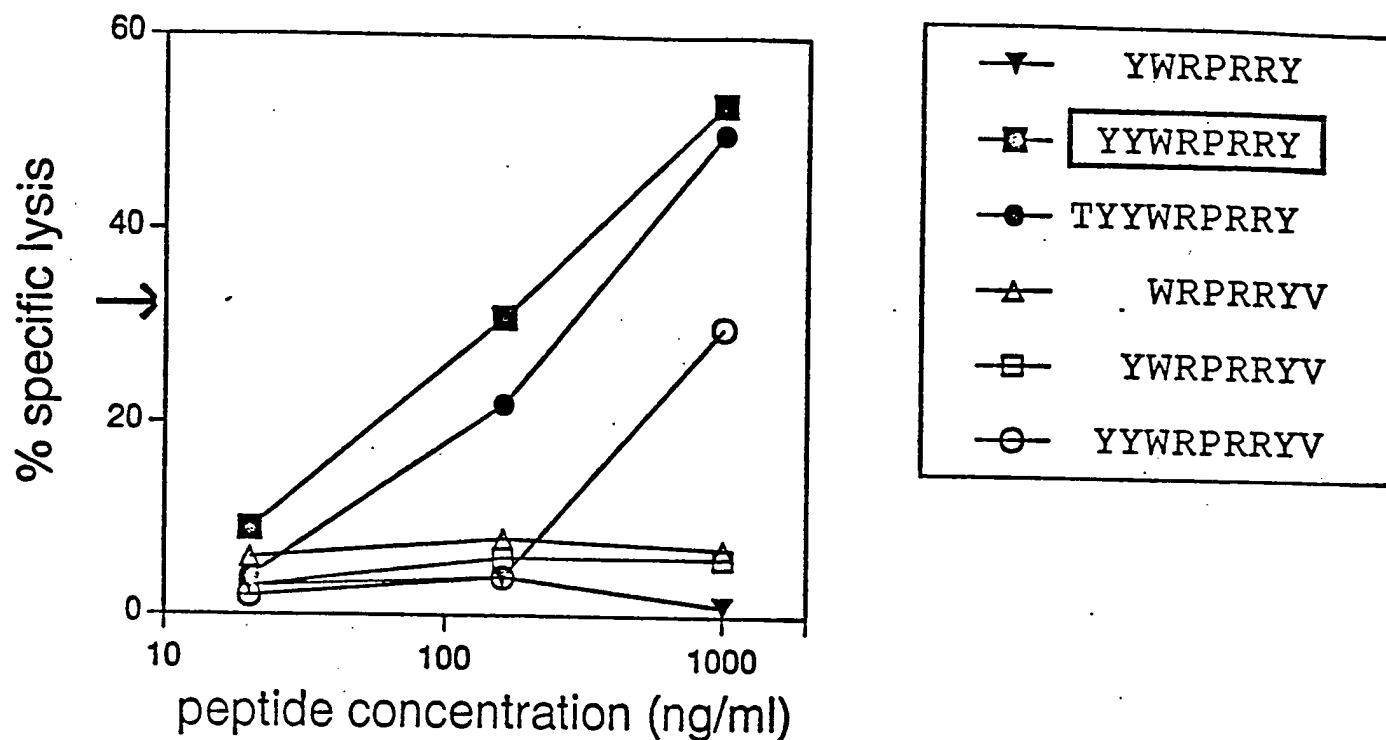


Figure 6 Lysis by MZ2-CTL 22/23 of lymphoblastoid cell line LB17-EBV incubated with GAGE-encoded peptide YYWRPRRY. Thousand ^{51}Cr -labelled LB17-EBV target cells were incubated in 96 well microplates in the presence of various concentrations of peptide for 15 minutes at 37°C . An equal volume containing 6000 CTL was then added. Chromium release was measured after 4 hours at 37°C . We have indicated the final concentration of peptides during the incubation of the target cells with the CTL. The arrow indicates the percentage of lysis of MZ2-MEL.43 cells.

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ BLACK BORDERS
- ☒ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
- ☐ FADED TEXT OR DRAWING
- ☒ BLURRED OR ILLEGIBLE TEXT OR DRAWING
- ☐ SKEWED/SLANTED IMAGES
- ☐ COLOR OR BLACK AND WHITE PHOTOGRAPHS
- ☐ GRAY SCALE DOCUMENTS
- ☐ LINES OR MARKS ON ORIGINAL DOCUMENT
- ☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
- ☐ OTHER: _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.